

Specificity of the analytical standards

PFAC-MXA from Wellington Laboratory. 5 ug/mL stock solution in Methanol. Diluted into 10-750 ng/L in water.

Native PFPrOPrA (GENX) was purchased from Thermo Fisher Scientific (Waltham, MA). No analytical standards were available for other PFECAs.

Sensitivity of the analytical method

LOQ is 25 ng/L for PFDA and PFOS, 10 ng/L for the other PFAS compounds and GenX.

Number of detects above and below the LOD/LOQ

	GenX	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFBS
Community A (n=127)	0	117	127	111	100	123	43	2	23
Community B (n=73)	1	45	65	34	32	28	0	0	1
Community C (n=34)	34	19	31	12	11	9	0	0	0

For the water treatment data one sample at each point, so whatever shows in Figure 2 is a detect.

Whether values in finished water represent direct measurements or calculated values (e.g., extrapolated from measurements at intake)

Direct measurements.

Sample timing and replication

Daily compost samples:

Community A: 6/22/2013-11/19/2013.

Community B: 6/15/2013-12/2/2013

Community C: 6/14/2013-10/13/13

Grab samples (no replicates):

Water treatment plant: 8/18/2014